

WELCOME
TO



SPRINGS



Southwest Baltimore Charter School

Sustainable Growth Challenge 2017/2018

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Acknowledgements

- Southwest Baltimore Charter School
- Southwest Baltimore Community
- Dr. Byoung-Suk Kweon
- Erica Brockman
- Karen Brown

Outline

I. Challenge

II. Site Inventory and Analysis

III. Design Process

IV. Solution

V. Outcomes

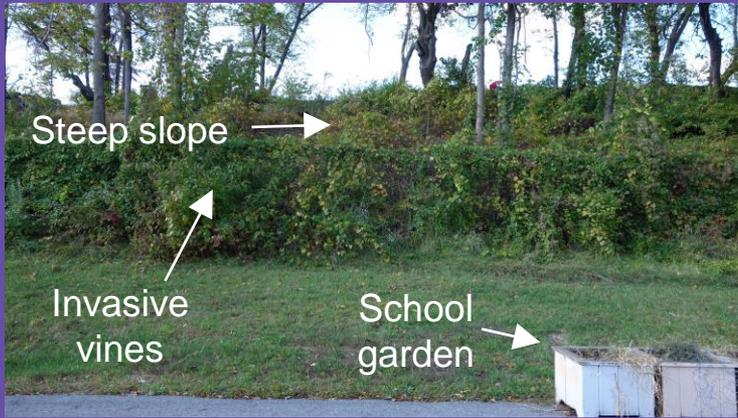
VI. Conclusion

Challenge

Challenge

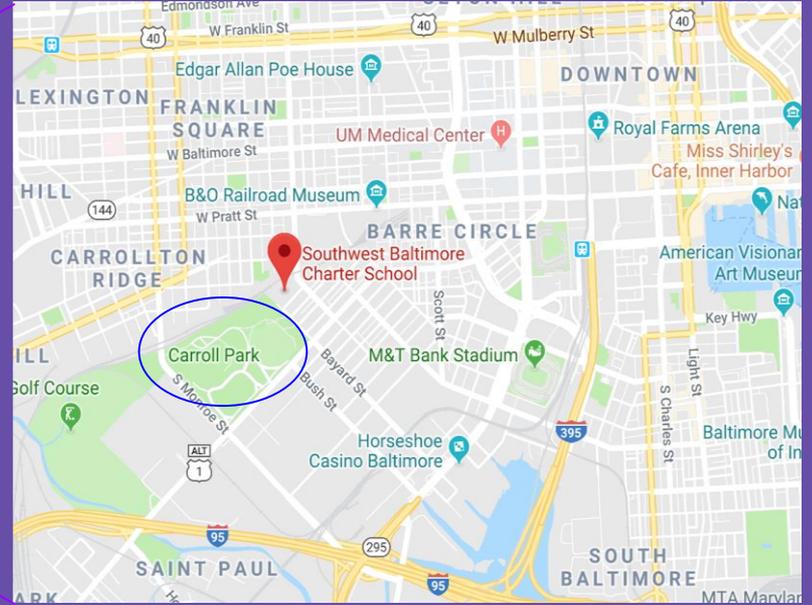
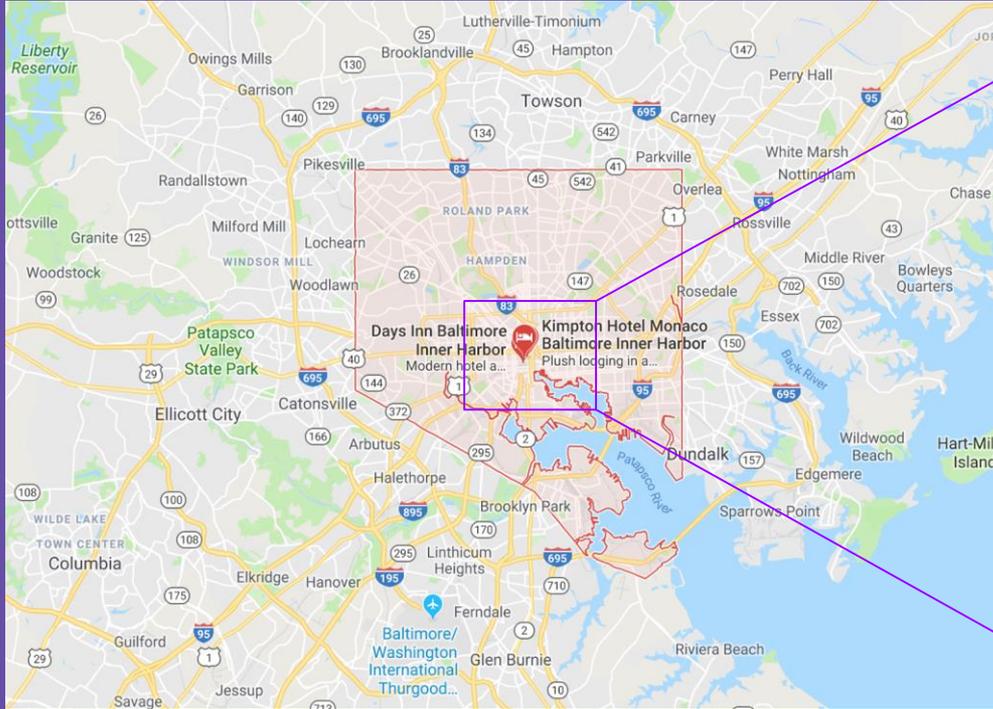
- Provide a unique and age-appropriate play space for students
- Include ADA accessible play equipment
- Address and incorporate extremely steep slope on the school's property
- Incorporate an area to be used as an outdoor classroom
- Provide outdoor seating for teachers and students to enjoy lunch
- Provide a welcoming entrance space for the school
- Provide a memorial for a deceased teacher
- Utilize a grant received by the school for a pollinator garden

Site



Site Inventory and Analysis

Site Location



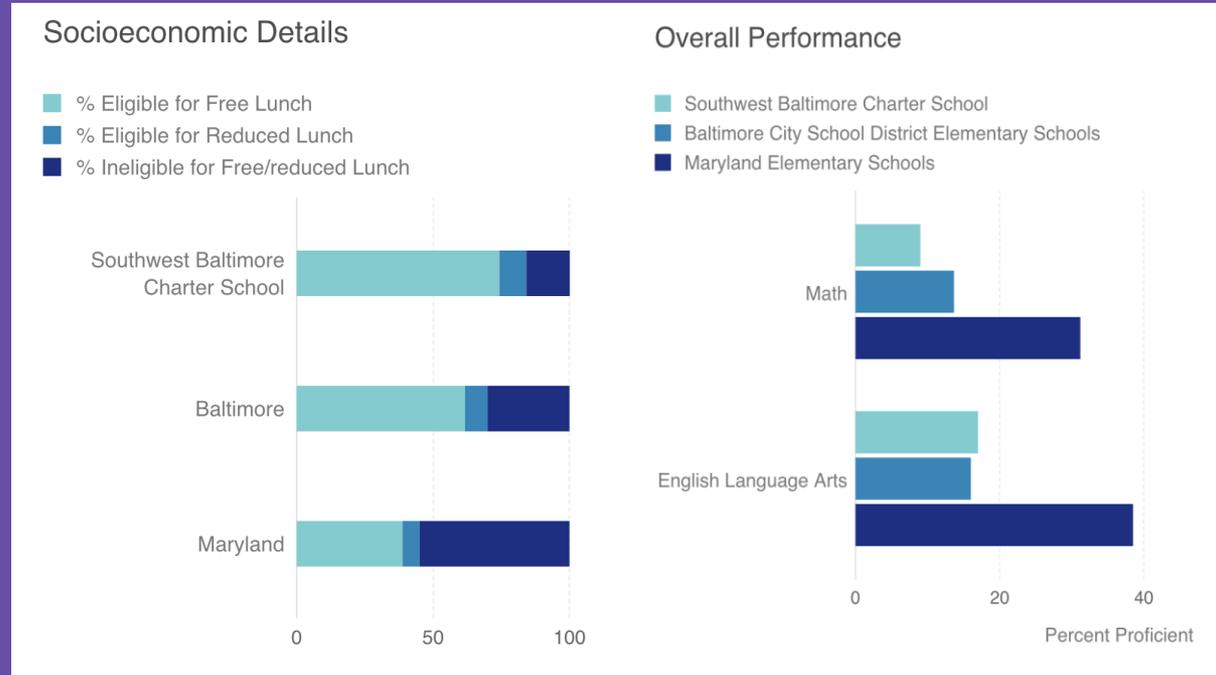
Southwest Baltimore (Pigtown)

- Drugs, crime, prostitution
- High level of poverty

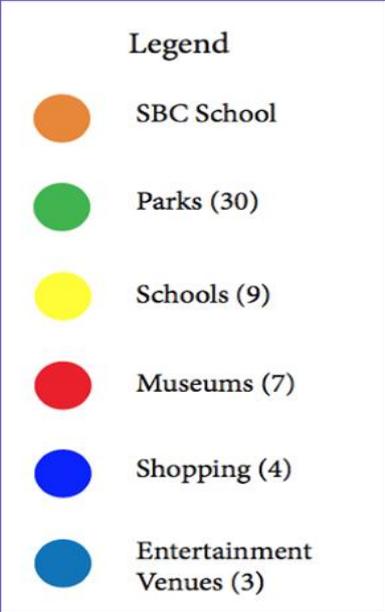
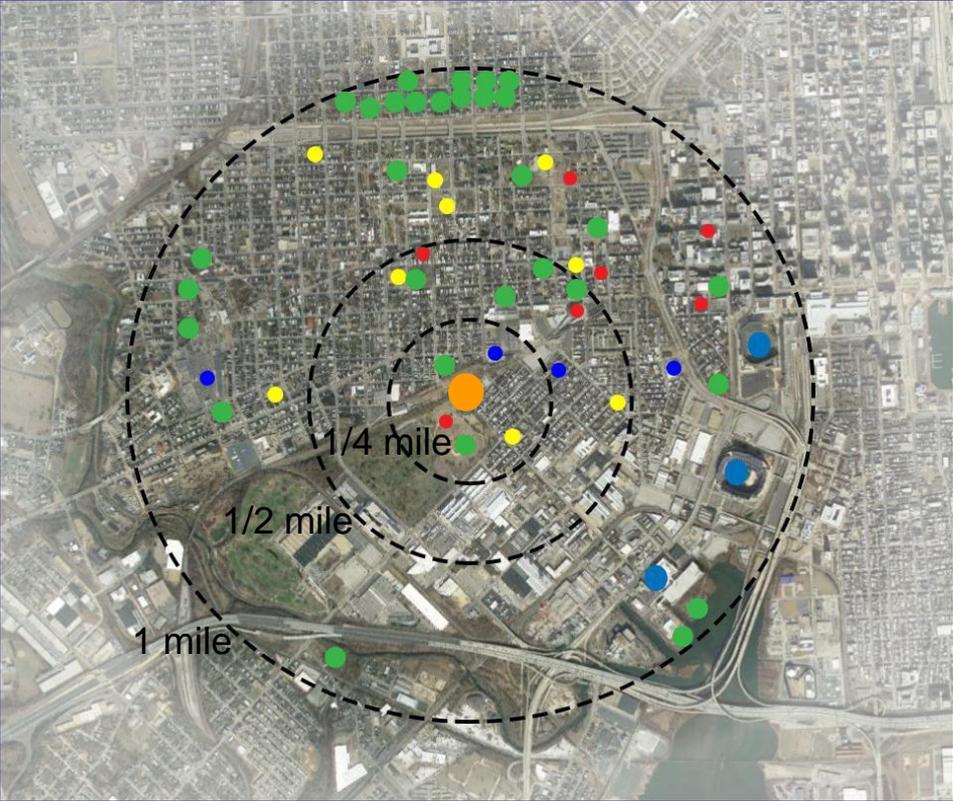


Demographics

- Primarily African-American
- Majority of students receive free/reduced price lunch
- Underperforming compared to the state of Maryland



Site Surroundings



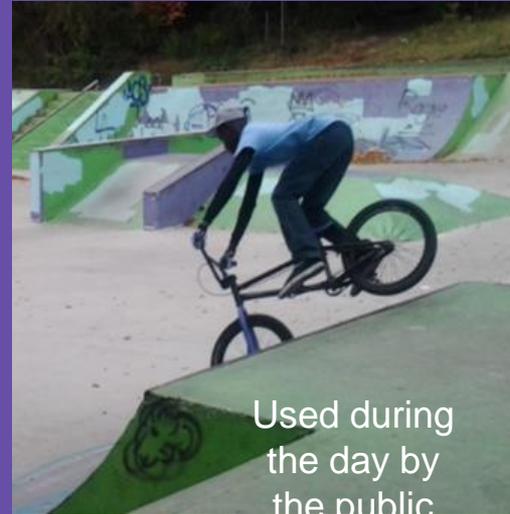
Circulation



	Grass Areas		Heavy Traffic
	Southwest Charter School		Light Traffic
	Built Structures		Pedestrian Traffic
	Pavement		Railroad Tracks

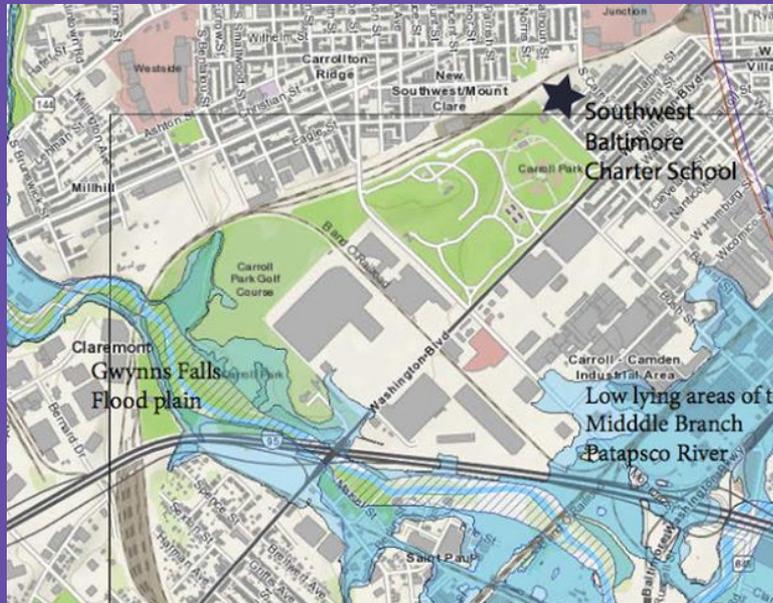
Sites and Sounds

- Graffiti and limited green space
- Noise pollution
- Distracting activities on hill and at Carroll Park Skatepark

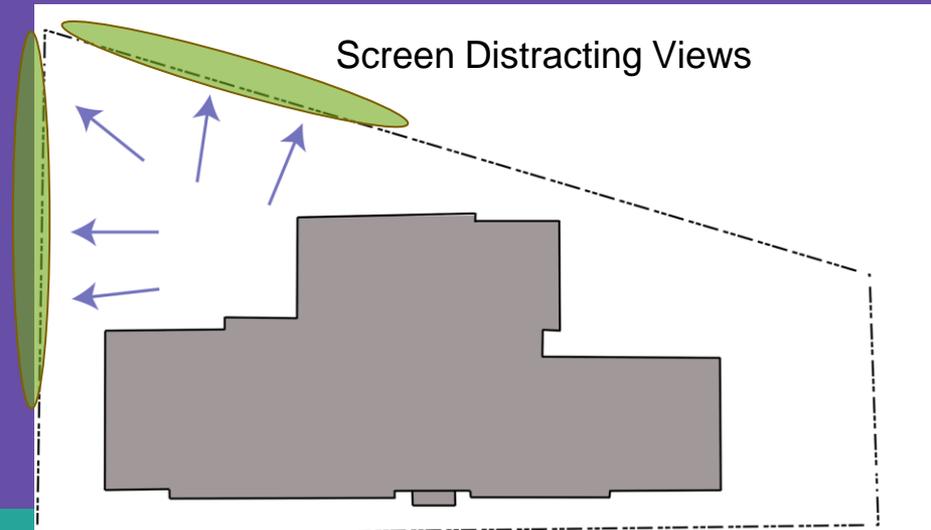
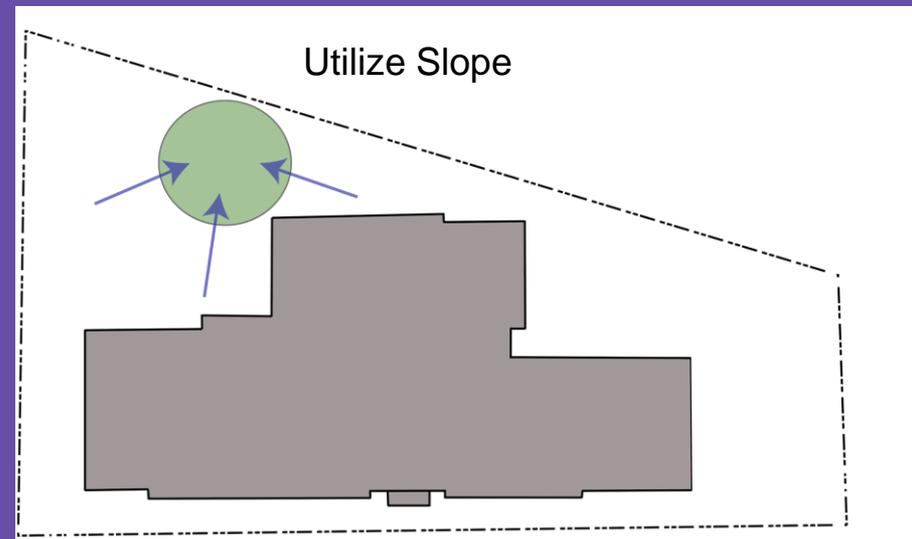
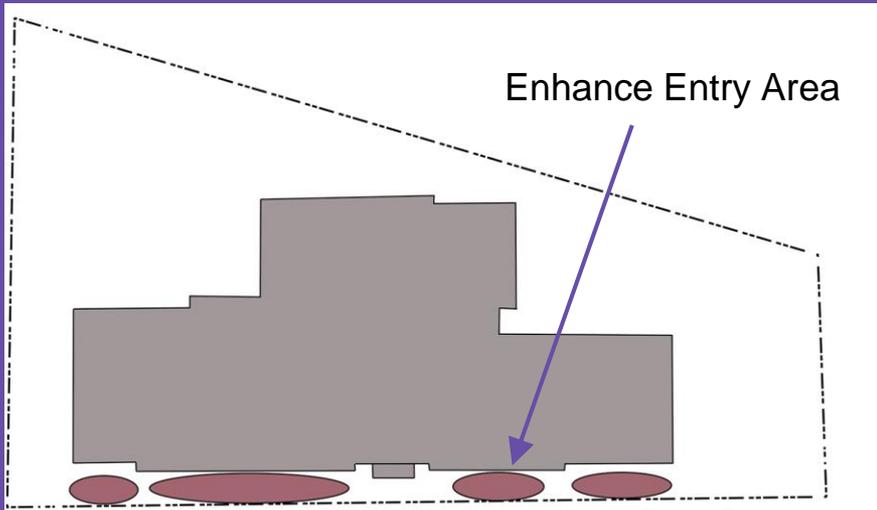


Hydrology

- Gwynns Falls Watershed
- Location close to Gwynns Falls River



Target Areas



Process

Site Visit

- Meet with Erica Brockman
- Discuss design program
- Explore school grounds
- Perform Site Analysis





Design Discussion

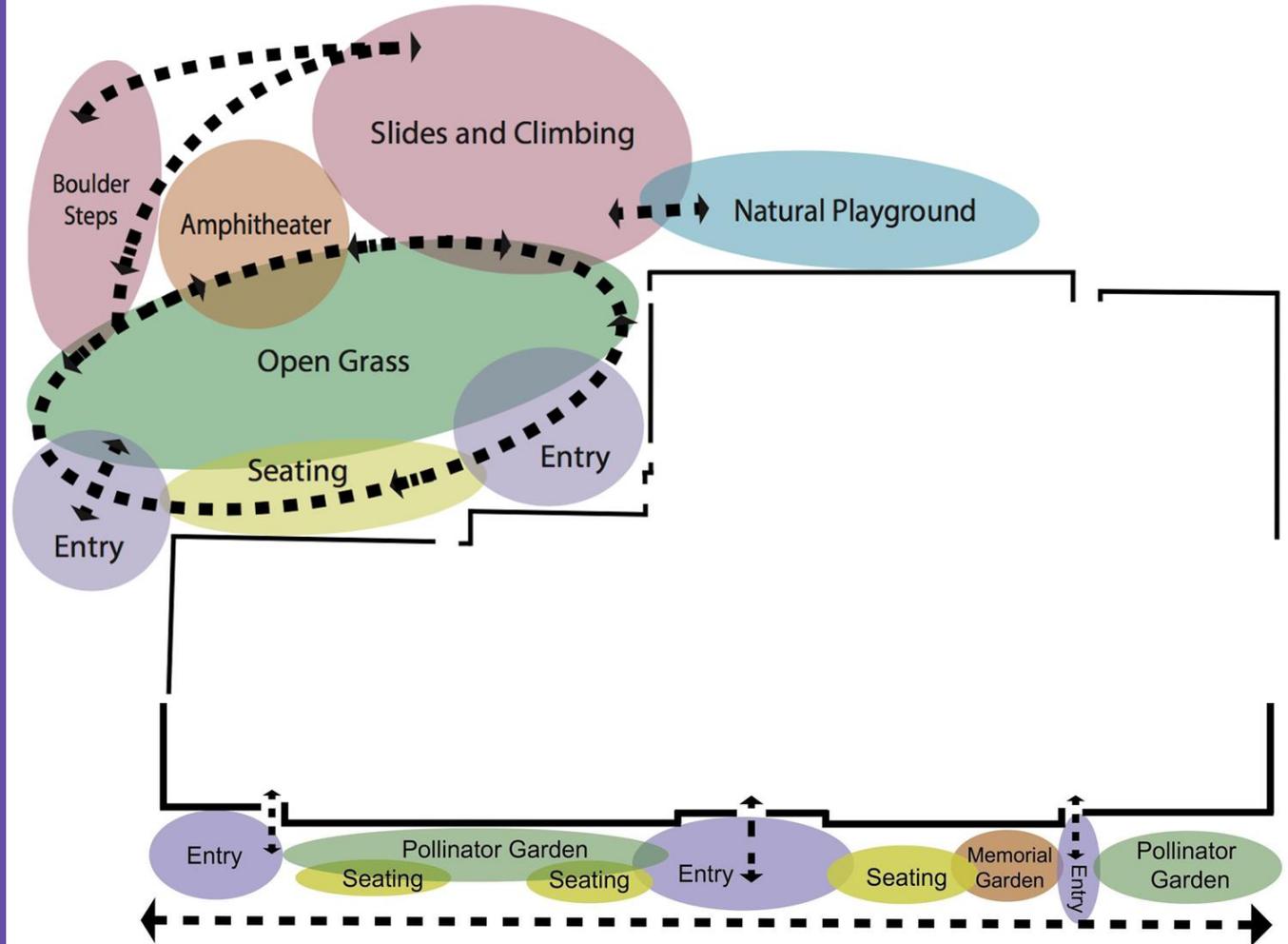


Design Solution

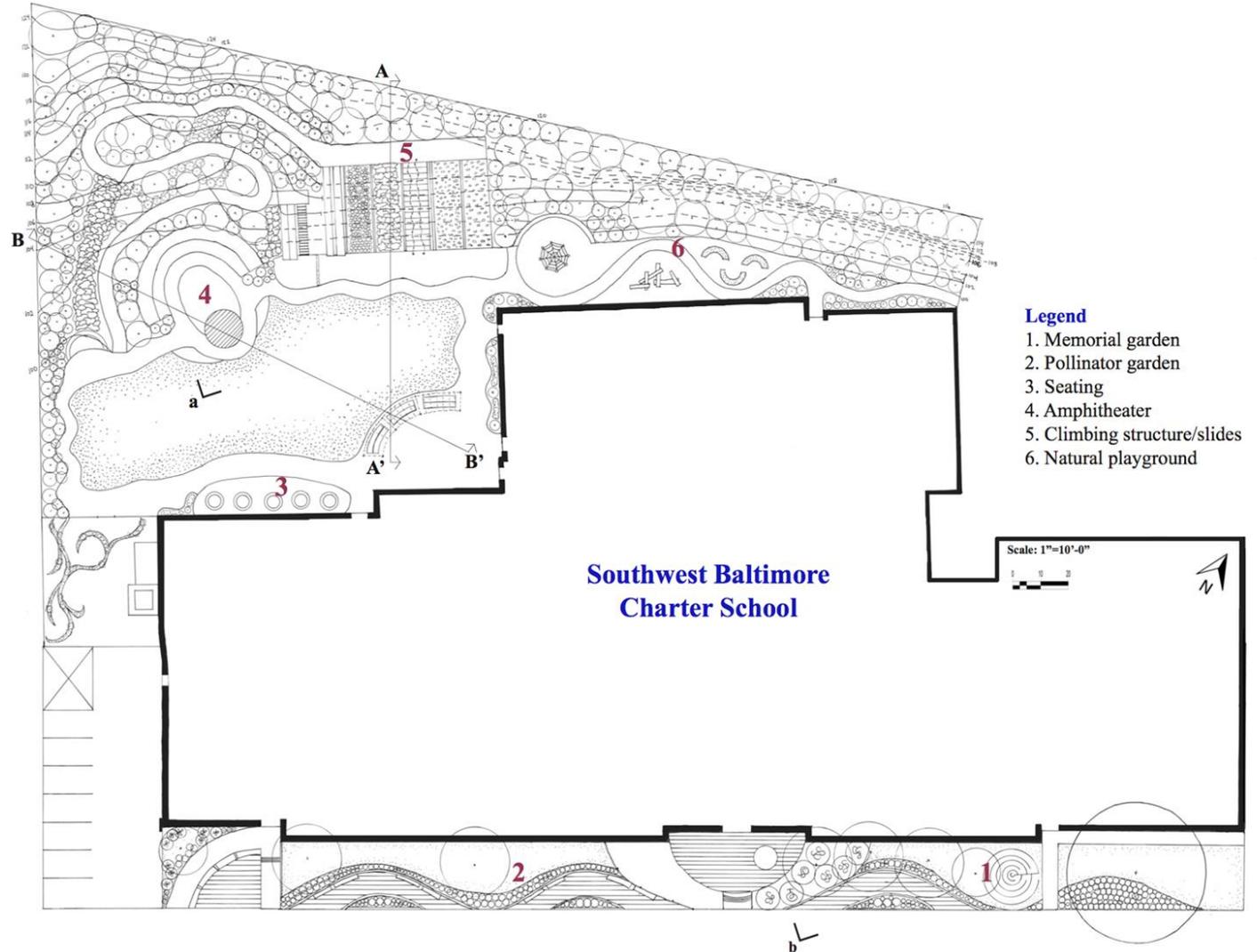
Goals

- To provide welcoming, age-appropriate play spaces and structures that inspire waves of creativity amongst the students and community.
 - Promote social engagement
 - Encourage educational exploration
 - Motivate physical wellness

Functional Diagram



Site Plan



Amphitheater and Play Structure



Amphitheater and Open Space (looking northwest)



Play Structure (looking north)



Welcome Area



Outcomes- Environmental

- Natural play spaces encourage environmental literacy and stewardship
- Amphitheater provides bioretention
- Welcome garden supports pollinators
- Native vegetation support the environment



Outcomes- Social

- Encourages students with disabilities to attend the school
- Welcome area encourages communication amongst community members
- Provides a safe space for the community



Conclusion

- Invest in Baltimore schools
- Introduces environmentalism to students
- Provides safe play spaces for students
- Implements memorial for important community member
- Improve student quality of life

